

Title (en)

Wire dot printer.

Title (de)

Nadelpunktdrucker.

Title (fr)

Imprimante de points par aiguilles.

Publication

EP 0396343 A2 19901107 (EN)

Application

EP 90304589 A 19900427

Priority

JP 11256589 A 19890501

Abstract (en)

A wire dot printer has a thermistor that detects the temperature of a print head (1) and a counter (5) that starts counting when the detection temperature exceeds an alarm temperature. The printer can be controlled by switching over between normal-printing and reduced-character-printing in which a reduced number of print wires is used. When the detection temperature exceeds the alarm temperature, the printer will first stop and then control the print head (1) in such a way as to reduce the temperature. Once the temperature drops back down below the alarm temperature, the printer will perform reduced-character-printing for a definite period of time based on the length of time from when the temperature exceeded the alarm temperature to when the temperature dropped back down below the alarm temperature. By increasing the length of time in which reduced-character-printing is carried out, the amount of heat given off by the print head (1) decreases. Furthermore, by basing the time over which reduced-character-printing is performed on the length of time that the alarm temperature was exceeded, it is possible to set the reduced-character-printing time to an appropriate length such that the print head (1) does not overheat and throughout is not excessively impaired.

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B41J 2/30

IPC 8 full level

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